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Beth Pearson-Naul

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

Hagedoom, et al.

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Docket No: IO-1027-US

Serial No: 09/829,170

Art Unit: 3662

Filed: April 9, 2001

Examiner: Ian J. Lobo

Title: Double-Ended Geophone

Confirmation No.: 8264

Mail Stop AF

Commissioner for Patents

P. O. Box 1450

Alexandria, Virginia 22313-1450

**RESPONSE TO FINAL OFFICE ACTION, DATED JUNE 23, 2004**

This is in response to the Final Office Action, dated June 23, 2004 for the above-identified patent application.

Amendments begin a page 2.

Remarks begin at page 10.

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